

FORM PTO-1390 (Modified) (REV. 11-2000) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER	
TRANSMITTAL LETTER TO THE UNITED STATES DT02 PCT/US/PTO 22 JUL 2004		U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR	
DESIGNATED/ELECTED OFFICE (DO/EO/US)		NYA 10/502 435	
CONCERNING A FILING UNDER 35 U.S.C. 371		PRIORITY DATE CLAIMED	
INTERNATIONAL APPLICATION NO. <b>PCT/KR03/00237</b>	INTERNATIONAL FILING DATE <b>2-3-2003</b>	2-5-2002 and 1-15-2003	

## TITLE OF INVENTION

**CONTINUOUS MEHTOD FOR PREPARING AROMATIC CARBONATE USING A HETEROGENEOUS CATALYST AND A REACTION APPARATUS FOR THE SAME**

## APPLICANT(S) FOR DO/EO/US

**Boo-Gon WOO, Ja-Hun KWAK, Moo-Ho HONG and Mi-Jeung HONG**

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1.  This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2.  This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3.  This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4.  The US has been elected by the expiration of 19 months from the priority date (Article 31).
5.  A copy of the International Application as filed (35 U.S.C. 371 (c) (2))
  - a.  is attached hereto (required only if not communicated by the International Bureau).
  - b.  has been communicated by the International Bureau.
  - c.  is not required, as the application was filed in the United States Receiving Office (RO/US).
6.  An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a.  is attached hereto.
  - b.  has been previously submitted under 35 U.S.C. 154(d)(4).
7.  Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a.  are attached hereto (required only if not communicated by the International Bureau).
  - b.  have been communicated by the International Bureau.
  - c.  have not been made; however, the time limit for making such amendments has NOT expired.
  - d.  have not been made and will not be made.
8.  An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9.  An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10.  An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11.  A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12.  A copy of the International Search Report (PCT/ISA/210).

**Items 13 to 20 below concern document(s) or information included:**

13.  An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14.  An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15.  A **FIRST** preliminary amendment.
16.  A **SECOND** or **SUBSEQUENT** preliminary amendment.
17.  A substitute specification.
18.  A change of power of attorney and/or address letter.
19.  A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
20.  A second copy of the published international application under 35 U.S.C. 154(d)(4).
21.  A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
22.  Express Mail Label No. **EV362317600US**
23.  Other items or information:

**Claim for Priority**

**Limited Recognition Under 37C.F.R Section 10.9 (b)**

U.S. APPLICATION NO. (IF KNOWN, SEE 37 CFR N/A 10/502435	INTERNATIONAL APPLICATION NO. PCT/KR03/00237	ATTORNEY'S DOCKET NUMBER YOM-0102
---	---	--------------------------------------

24. The following fees are submitted:

**BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) :**

<input checked="" type="checkbox"/> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO .....	\$1080.00
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO .....	\$920.00
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO .....	\$770.00
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) .....	\$730.00
<input type="checkbox"/> International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) .....	\$100.00

**CALCULATIONS PTO USE ONLY**

**ENTER APPROPRIATE BASIC FEE AMOUNT =**

**\$1,080.00**

Surcharge of **\$130.00** for furnishing the oath or declaration later than  20  30 months from the earliest claimed priority date (37 CFR 1.492 (e)).

**\$0.00**

CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total claims	5 - 20 =	0	x \$18.00	<b>\$0.00</b>
Independent claims	2 - 3 =	0	x \$86.00	<b>\$0.00</b>

Multiple Dependent Claims (check if applicable).  **\$0.00**

**TOTAL OF ABOVE CALCULATIONS =** **\$1,080.00**

Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. **\$0.00**

**SUBTOTAL =** **\$1,080.00**

Processing fee of **\$130.00** for furnishing the English translation later than  20  30 months from the earliest claimed priority date (37 CFR 1.492 (f)). **\$0.00**

**TOTAL NATIONAL FEE =** **\$1,080.00**

Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31) (check if applicable).  **\$0.00**

**TOTAL FEES ENCLOSED =** **\$1,080.00**

<b>Amount to be:</b>	<b>\$</b>
<b>refunded</b>	
<b>charged</b>	<b>\$</b>

- A check in the amount of \$1,080.00 to cover the above fees is enclosed.
- Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \_\_\_\_\_ to cover the above fees.
- The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 06-1130
- Fees are to be charged to a credit card. **WARNING: Information on this form may become public. Credit card information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

SEND ALL CORRESPONDENCE TO:

Soonja Bae  
Reg. No. (PLEASE SEE ATTACHED)  
Cantor Colburn LLP  
55 Griffin Road South  
Bloomfield, CT 06002  
PTO Customer No. 23413  
Telephone: (860) 286-2929  
Fax: (860) 286-0115

  
SIGNATURE

Soonja Bae

NAME

**PLEASE SEE ATTACHED**

REGISTRATION NUMBER

July 22, 2004

DATE

10/502 435

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.102 Rec'd PCT/PTO 22 JUL 2004 Applicant(s): Boo-Gon WOO, et al.		YOM-0102
---	--	----------

Serial No. NYA	Filing Date 7-22-2004	Examiner NYA	Group Art Unit NYA
Invention: <b>CONTINUOUS METHOD FOR PREPARING AROMATIC CARBONATE USING A HETEROGENOUS CATALYST AND A REACTION APPARATUS FOR THE SAME</b>			

I hereby certify that the following correspondence:

Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371, PCT Application, One Sheet of Drawings, Claim for Priority, Limited Recognition Under 37 C.F.R Section 10.9 (b), Information Disclosure Statement, Form PTO-1449 w/Eighteen cited references, Check-\$1,080.00 and Postcard

*(Identify type of correspondence)*

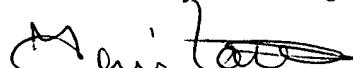
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on

July 22, 2004

*(Date)*

**Tammie Lanthier**

*(Typed or Printed Name of Person Mailing Correspondence)*



*(Signature of Person Mailing Correspondence)*

**EV362317600US**

*("Express Mail" Mailing Label Number)*

**Note: Each paper must have its own certificate of mailing.**